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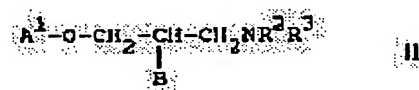
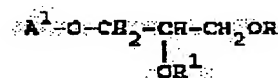
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## (54) ORAL HYGIENIC COMPOSITION CONTAINING GLYCEROGLYCOLIPID AS ANTIPLAQUE COMPOUND

(57)Abstract:

PURPOSE: To provide an oral hygienic compsn. which contains a specified glyceroglycolipid as an antiplaque compd. and inhibits aggregation of bacteria as the cause of dental plaque.

CONSTITUTION: This compsn. contains at least one compd. selected from glyceroglycolipid expressed by formula I or glyceroglycolipid expressed by formula II by effective amt. to prevent forming a dental plaque. In formula I, A1 is a saccharide containing at least one  $\beta$ -D-galactose group, R, R1 are each H, aliphatic hydrocarbon, aromatic, alicyclic, or acyl groups, but it is not allowed that both of R and R1 are H. In formula II, R2, R3 are each H, aliphatic hydrocarbon, aromatic, alicyclic, B is OH, NR<sup>5</sup>R<sup>6</sup>, wherein R<sup>5</sup>, R<sup>6</sup> are each H, aliphatic hydrocarbon, aromatic, alicyclic. By using this compsn., deposition of bacteria in a mouth can be inhibited. As for the compd. of formula I, for example, 3-(butyloxy)-2-hydroxypropyl- $\beta$ -D-galactopyranoside is used. As for the compd. of formula II, 3-(N,N-dibutylamino)-2-hydroxypropyl- $\beta$ -D-galactopyranoside is used.



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